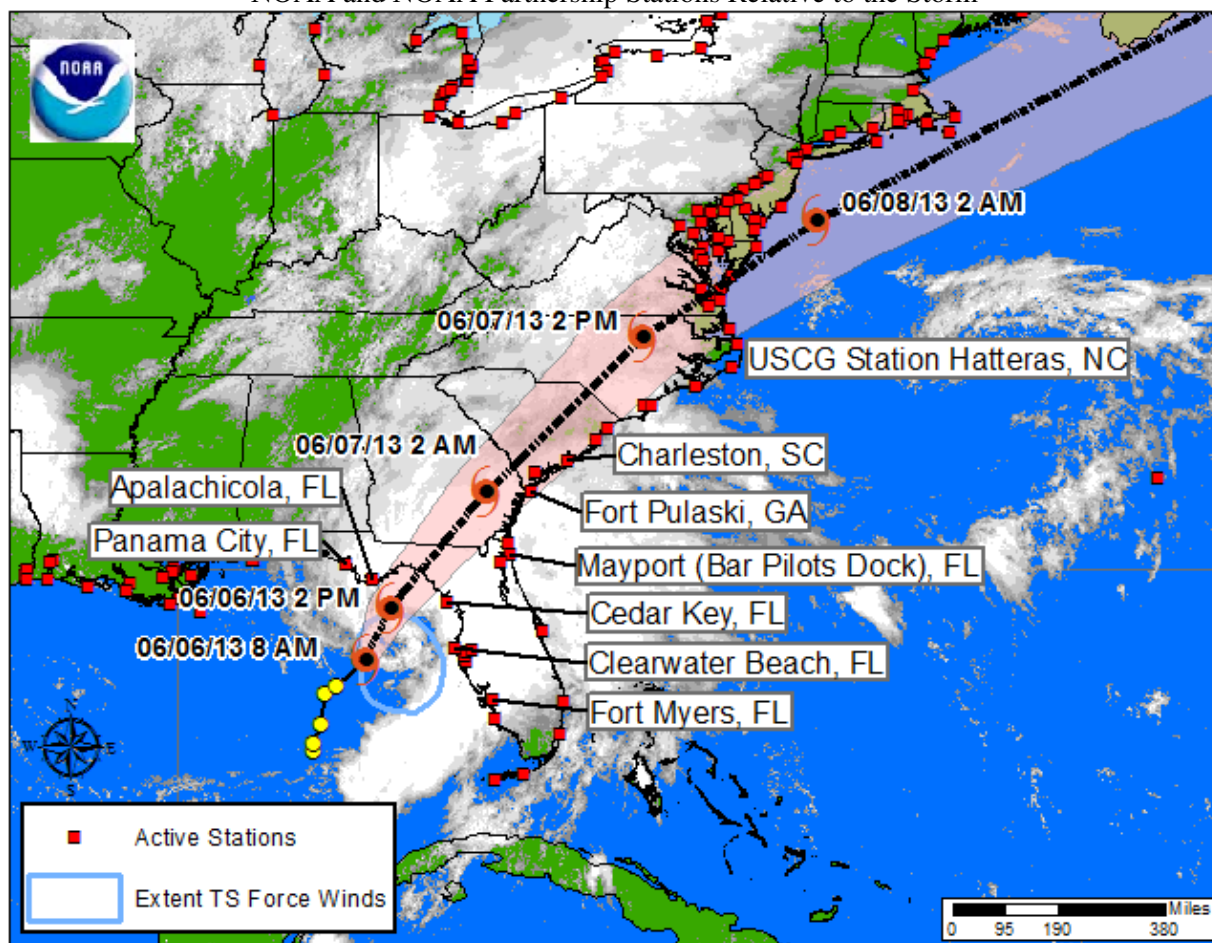


Tropical Storm ANDREA QuickLook, POSTED 12:00 EST 06/06/2013



Tropical Storm ANDREA QuickLook
Posted: 12:00 EST 06/06/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/06/2013 12:00 EST, water levels along the Gulf Coast of Florida are rising and along the East Coast from northern Florida to North Carolina are slowly rising. Stations along the Gulf Coast of Florida range from 0.5 to 2.0 feet above tidal predictions. Please note that water levels across this region have already been elevated by about half a foot over the past week. Along the East Coast, water levels are up to 1.0 feet above tidal predictions. Winds are increasing at Cedar Key, FL and Clearwater Beach, FL and are measuring 25-30 knots with higher gusts. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Fort Myers, FL: Next predicted high tides are 1.4 ft (0.44 m) at 06/06/2013 14:50 EDT and 0.7 ft (0.23 m) at

Tropical Storm ANDREA QuickLook, POSTED 12:00 EST 06/06/2013

06/07/2013 04:42 EDT.

Clearwater Beach, FL: Next predicted high tides are 1.9 ft (0.57 m) at 06/07/2013 00:35 EDT and 3.0 ft (0.92 m) at 06/07/2013 10:59 EDT.

Cedar Key, FL: Next predicted high tides are 3.3 ft (0.99 m) at 06/07/2013 02:19 EDT and 4.1 ft (1.28 m) at 06/07/2013 13:21 EDT.

Apalachicola, FL: Next predicted high tides are 1.6 ft (0.50 m) at 06/06/2013 13:50 EDT and 1.4 ft (0.43 m) at 06/07/2013 06:02 EDT.

Panama City, FL: Next predicted high tides are 1.6 ft (0.48 m) at 06/07/2013 09:25 CDT and 1.6 ft (0.49 m) at 06/08/2013 10:01 CDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 5.0 ft (1.51 m) at 06/06/2013 20:21 EDT and 4.0 ft (1.24 m) at 06/07/2013 08:37 EDT.

Fort Pulaski, GA: Next predicted high tides are 7.7 ft (2.33 m) at 06/06/2013 19:32 EDT and 6.4 ft (1.98 m) at 06/07/2013 07:57 EDT.

Charleston, SC: Next predicted high tides are 5.9 ft (1.80 m) at 06/06/2013 19:28 EDT and 4.8 ft (1.48 m) at 06/07/2013 07:48 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.1 ft (0.04 m) at 06/06/2013 20:18 EDT and 0.1 ft (0.03 m) at 06/07/2013 08:27 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:JAK

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN
TROPICAL STORM ANDREA ADVISORY NUMBER 4
NWS NATIONAL HURRICANE CENTER MIAMI FL
1100 AM EDT THU JUN 06 2013

...TROPICAL STORM CONDITIONS BEGINNING TO MOVE ONSHORE THE WEST
COAST OF FLORIDA...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * THE WEST COAST OF FLORIDA FROM BOCA GRANDE TO INDIAN PASS
- * FLAGLER BEACH FLORIDA TO CAPE CHARLES LIGHT VIRGINIA
- * PAMLICO AND ALBEMARLE SOUNDS
- * LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM EDT...THE CENTER OF TROPICAL STORM ANDREA WAS LOCATED ABOUT 110 MI W OF TAMPA FLORIDA AND ABOUT 110 MI SSE OF APALACHICOLA FLORIDA. ANDREA IS MOVING TOWARD THE NORTHEAST NEAR 15 MPH. A NORTHEASTWARD ACCELERATION IS EXPECTED DURING THE NEXT 48 HOURS. ON THE FORECAST TRACK...THE CENTER OF ANDREA WILL REACH THE COAST OF THE BIG BEND AREA OF FLORIDA LATER TODAY...AND THEN MOVE NORTHEASTWARD NEAR THE EAST COAST OF THE UNITED STATES THROUGH SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. NO SIGNIFICANT CHANGE IN STRENGTH IS EXPECTED BEFORE THE CENTER REACHES THE COAST LATER TODAY. SOME WEAKENING IS FORECAST TONIGHT AND EARLY FRIDAY WHILE THE CENTER OF ANDREA MOVES OVER LAND. ANDREA SHOULD LOSE TROPICAL CHARACTERISTICS IN ABOUT 36 TO 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES TO THE EAST OF THE CENTER. THE STRONGEST WINDS ARE LIKELY OCCURRING IN A BAND OF THUNDERSTORMS THAT IS MOVING ONSHORE THE WEST COAST OF FLORIDA. A WIND GUST TO 48 MPH WAS RECENTLY REPORTED AT ST. PETERSBURG FLORIDA.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 997 MB...29.44 INCHES.

HAZARDS AFFECTING LAND

STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

TAMPA BAY NORTHWARD TO APALACHICOLA...2 TO 5 FT
FLORIDA WEST COAST SOUTH OF TAMPA BAY...1 TO 2 FT
FLAGLER BEACH NORTH TO CAPE CHARLES LIGHT...1 TO 2 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST NEAR AND TO THE

Tropical Storm ANDREA QuickLook, POSTED 12:00 EST 06/06/2013

SOUTH OF THE FLORIDA LANDFALL LOCATION. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE... AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES OVER MUCH OF THE FLORIDA PENINSULA...EASTERN PARTS OF THE FLORIDA PANHANDLE...SOUTHEASTERN GEORGIA...AND EASTERN SOUTH CAROLINA...WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES POSSIBLE. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE ALSO EXPECTED OVER EASTERN NORTH CAROLINA AND SOUTHEASTERN VIRGINIA.

WIND...TROPICAL STORM CONDITIONS ARE LIKELY BEGINNING ALONG THE WEST COAST OF FLORIDA. THESE CONDITIONS WILL GRADUALLY SPREAD NORTHWARD ALONG THE UNITED STATES EAST COAST DURING THE NEXT 24 TO 36 HOURS.

TORNADOES...A FEW TORNADOES ARE POSSIBLE OVER THE FLORIDA PENINSULA TODAY.

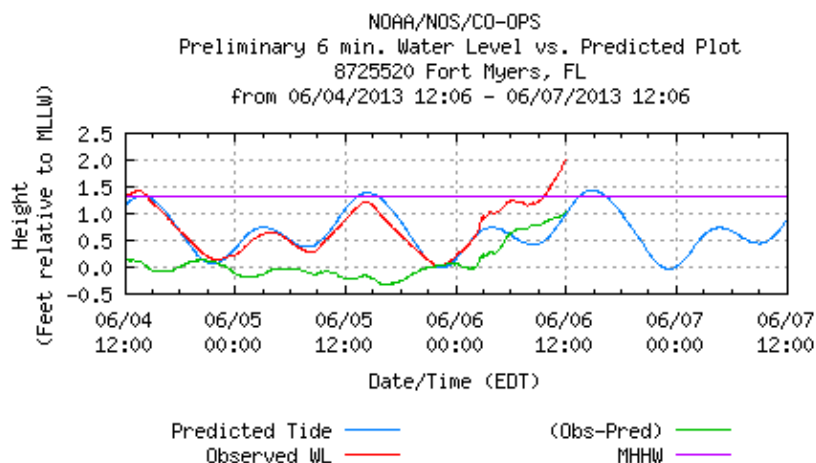
FORECASTER BERG/BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Barometric](#), [Apalachicola - Winds](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [USCG Station Hatteras - Water Level](#), [USCG Station Hatteras - Winds](#), [USCG Station Hatteras - Barometric](#)

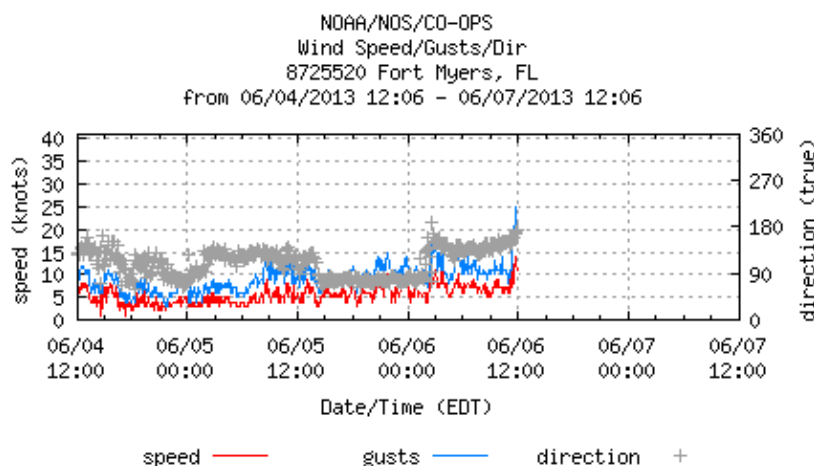
Tropical Storm ANDREA QuickLook, POSTED 12:00 EST 06/06/2013

Fort Myers, FL - Return to List



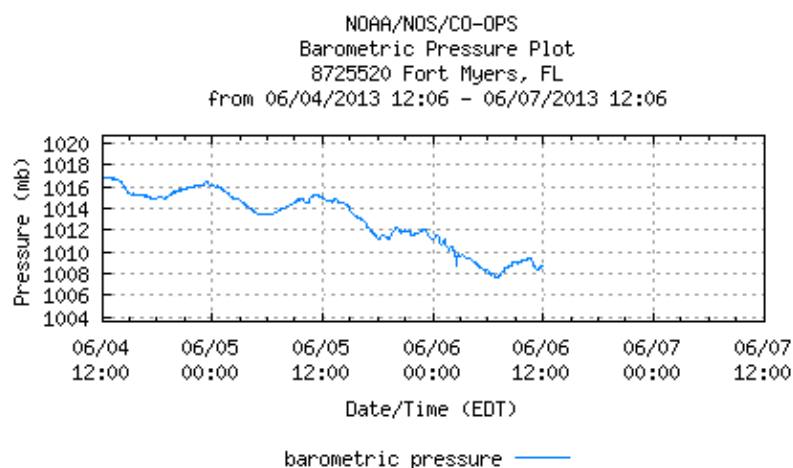
Last Observed Sample: 06/06/2013 12:00 (EDT)
Relative to MLLW: **Observed: 2.02 ft.** **Predicted: 1.00 ft.** **Residual: 1.02 ft.**
Historical Maximum Water Level: Nov 23 1988, 4.72 ft. above MLLW

Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 12:00 (EDT)
Wind Speed: 12 knots **Gusts: 23 knots** **Direction: 175° T**

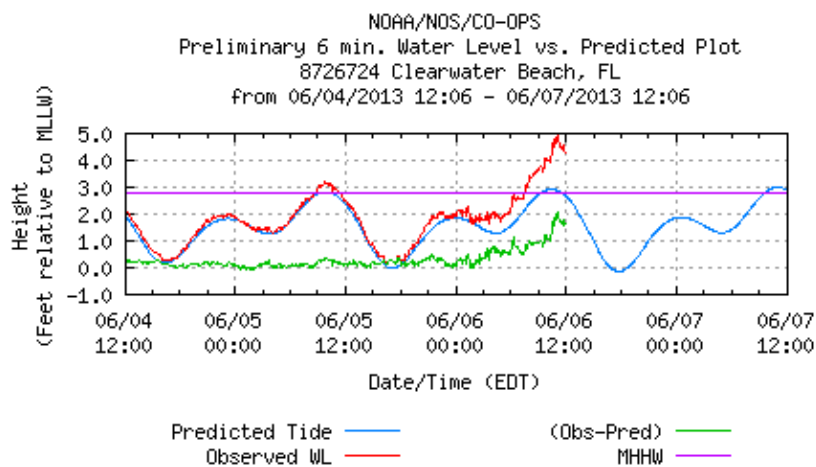
Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 12:00 (EDT)

Barometric Pressure: 1008.9 mb

Clearwater Beach, FL - Return to List

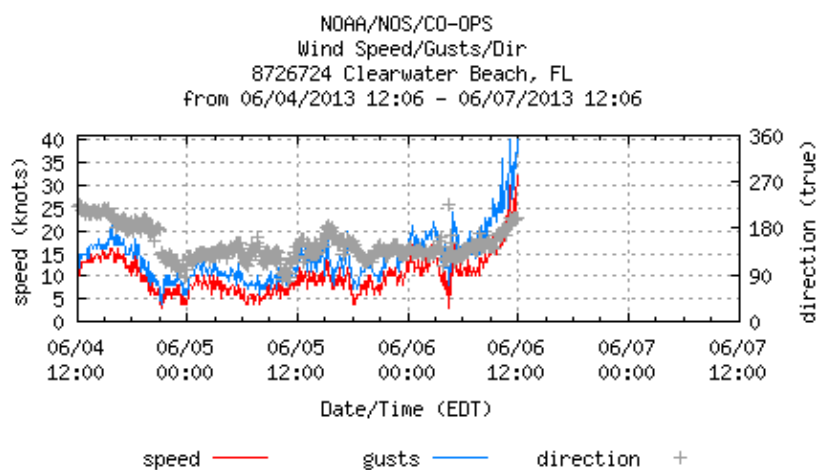


Last Observed Sample: 06/06/2013 11:54 (EDT)

Relative to MLLW: **Observed: 4.31 ft.** **Predicted: 2.69 ft.** **Residual: 1.62 ft.**

Historical Maximum Water Level: Mar 13 1993, 6.76 ft. above MLLW

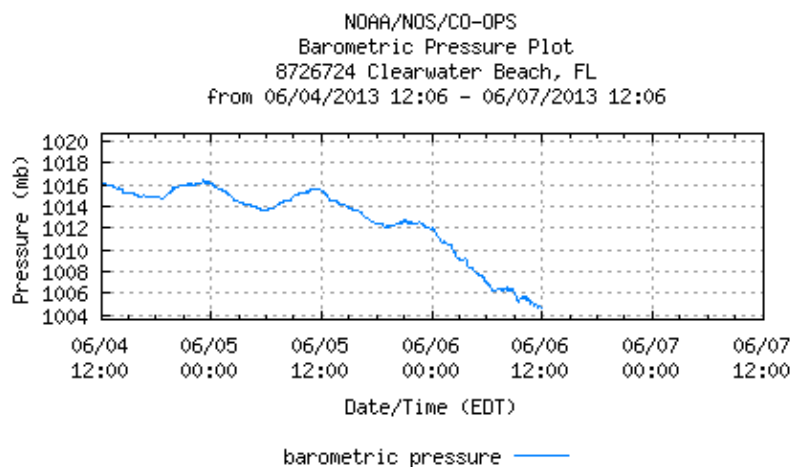
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/06/2013 11:54 (EDT)

Wind Speed: 32 knots Gusts: 40 knots Direction: 201° T

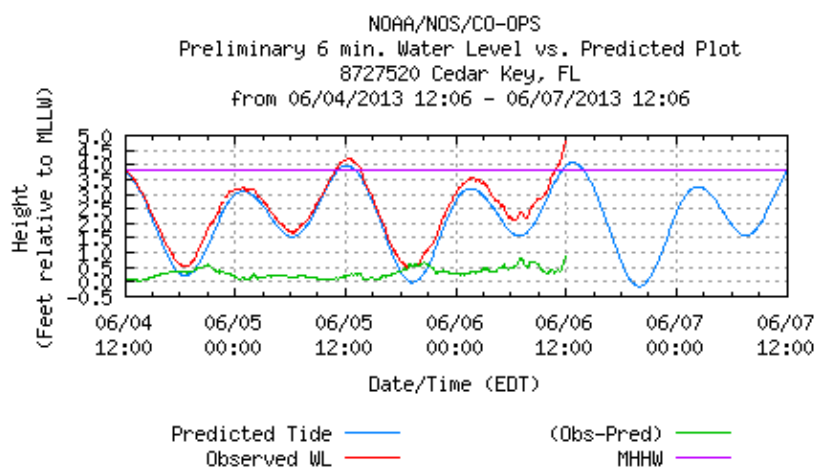
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/06/2013 11:54 (EDT)

Barometric Pressure: 1004.6 mb

Cedar Key, FL - Return to List

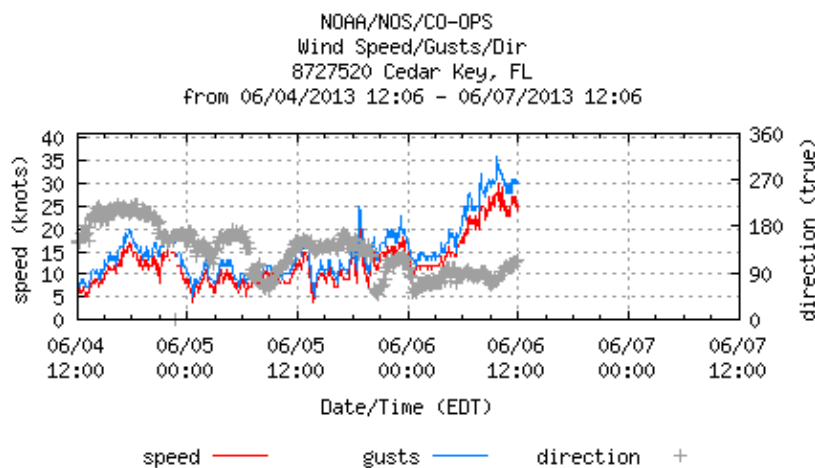


Last Observed Sample: 06/06/2013 11:54 (EDT)

Relative to MLLW: **Observed: 4.82 ft.** **Predicted: 3.94 ft.** **Residual: 0.88 ft.**

Historical Maximum Water Level: Oct 7 1996, 8.95 ft. above MLLW

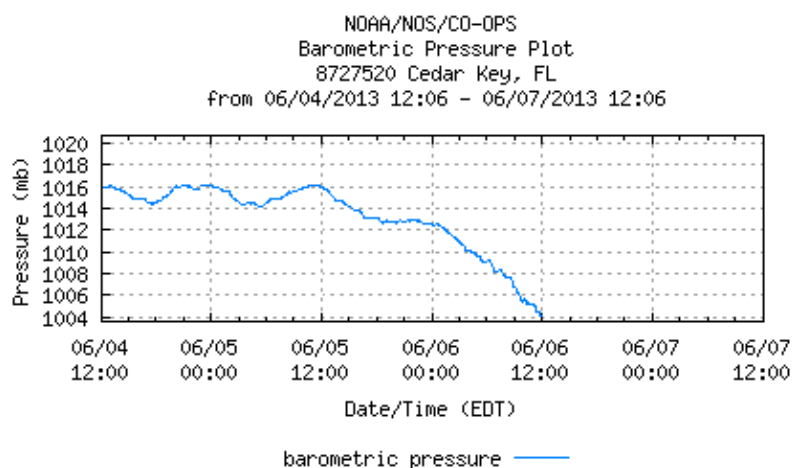
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 11:54 (EDT)

Wind Speed: 24 knots **Gusts: 30 knots** **Direction: 115° T**

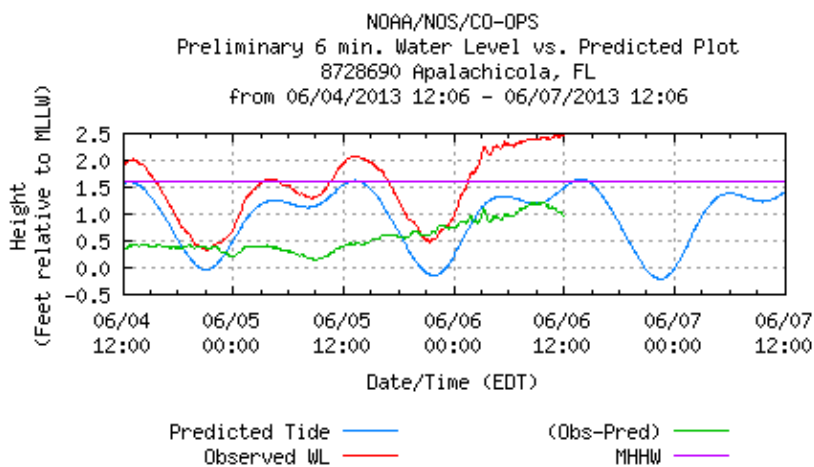
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 11:54 (EDT)

Barometric Pressure: 1004.2 mb

Apalachicola, FL - Return to List

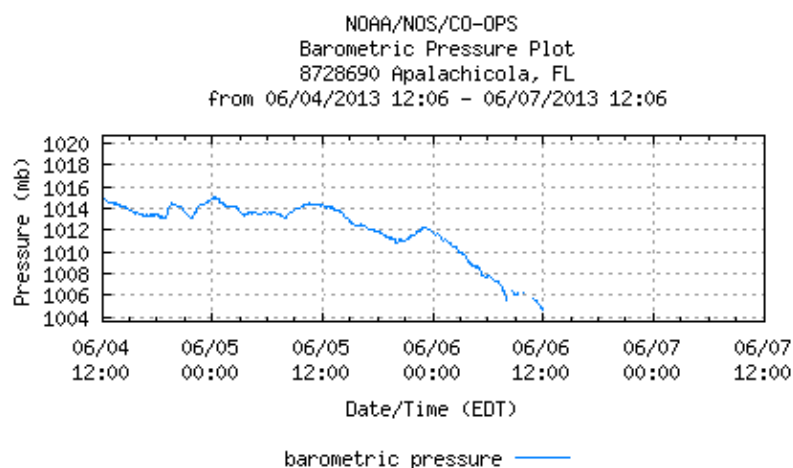


Last Observed Sample: 06/06/2013 12:00 (EDT)

Relative to MLLW: **Observed: 2.45 ft. Predicted: 1.49 ft. Residual: 0.96 ft.**

Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

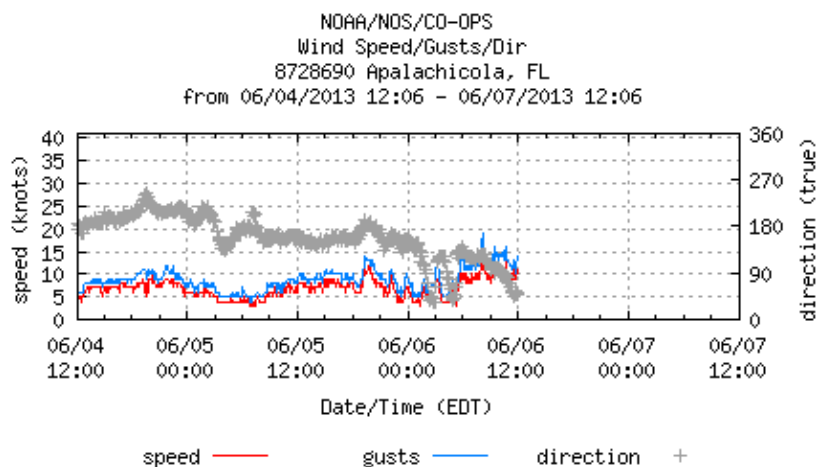
[Apalachicola, FL - Return to List](#)



Last Observed Sample: 06/06/2013 12:00 (EDT)

Barometric Pressure: 1004.8 mb

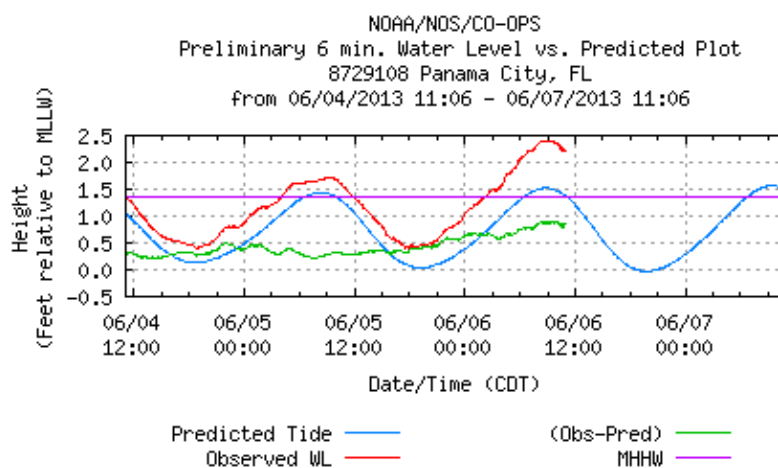
[Apalachicola, FL - Return to List](#)



Last Observed Sample: 06/06/2013 12:00 (EDT)

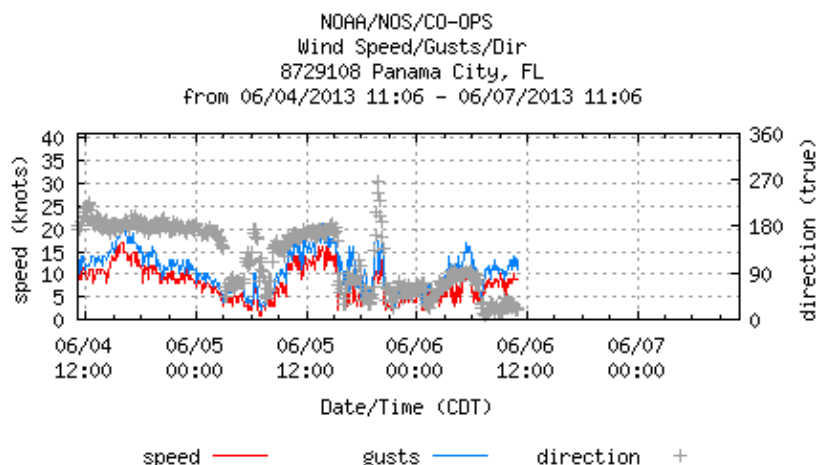
Wind Speed: 10 knots Gusts: 14 knots Direction: 52° T

Panama City, FL - Return to List



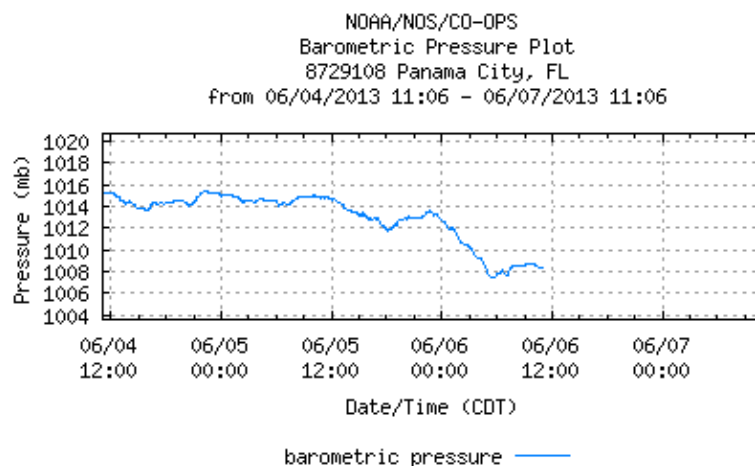
Last Observed Sample: 06/06/2013 11:00 (CDT)
Relative to MLLW: **Observed: 2.22 ft.** **Predicted: 1.37 ft.** **Residual: 0.85 ft.**
Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 11:00 (CDT)
Wind Speed: 9 knots **Gusts: 13 knots** **Direction: 21° T**

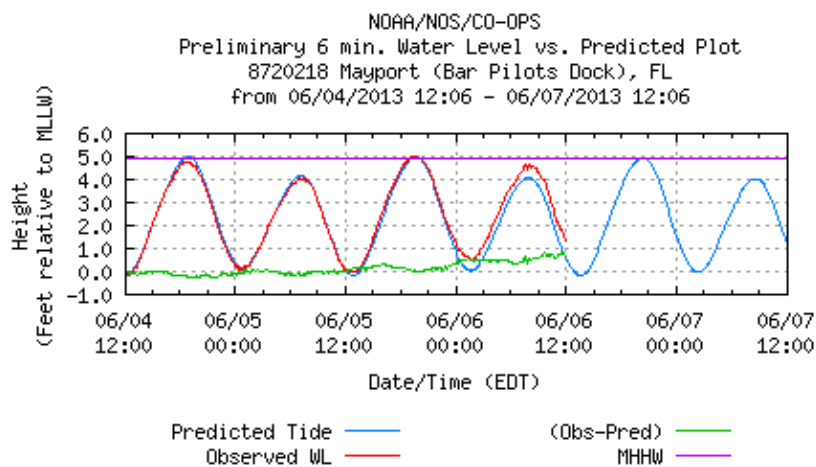
Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 11:00 (CDT)

Barometric Pressure: 1008.4 mb

Mayport (Bar Pilots Dock), FL - Return to List

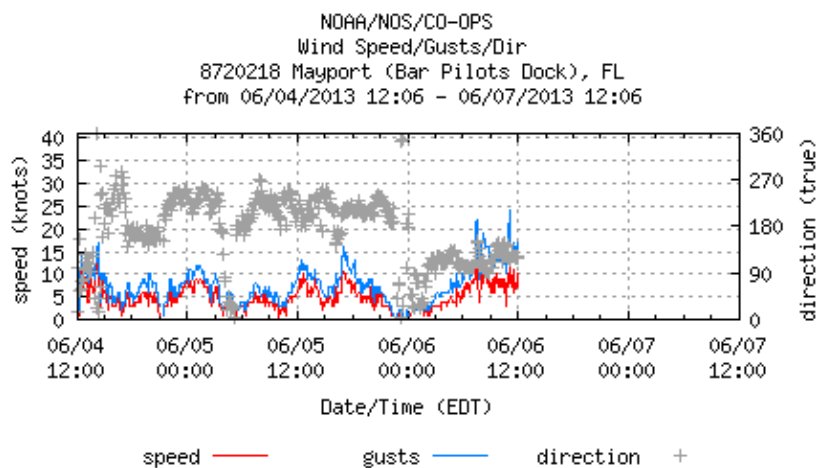


Last Observed Sample: 06/06/2013 12:00 (EDT)

Relative to MLLW: **Observed: 1.31 ft.** **Predicted: 0.66 ft.** **Residual: 0.65 ft.**

Historical Maximum Water Level: Sep 27 2004, 7.42 ft. above MLLW

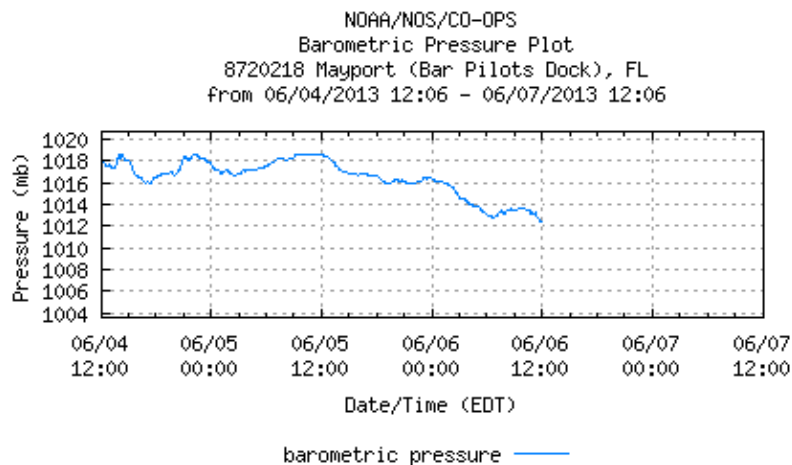
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/06/2013 12:00 (EDT)

Wind Speed: 10 knots Gusts: 17 knots Direction: 117° T

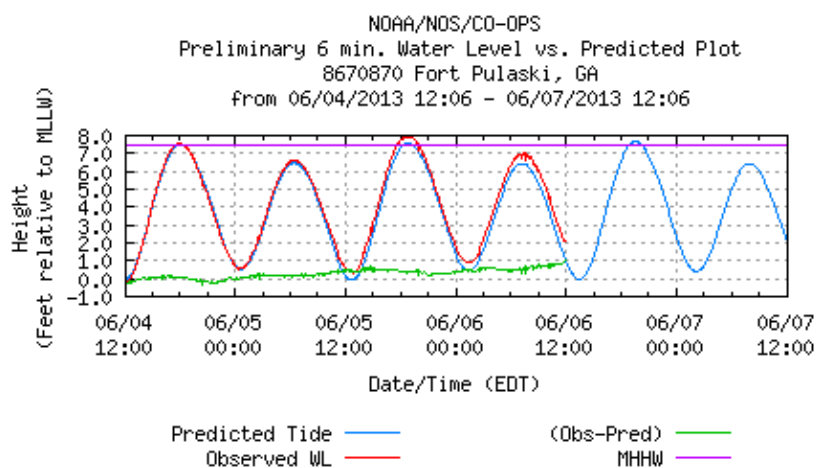
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/06/2013 12:00 (EDT)

Barometric Pressure: 1012.5 mb

Fort Pulaski, GA - Return to List

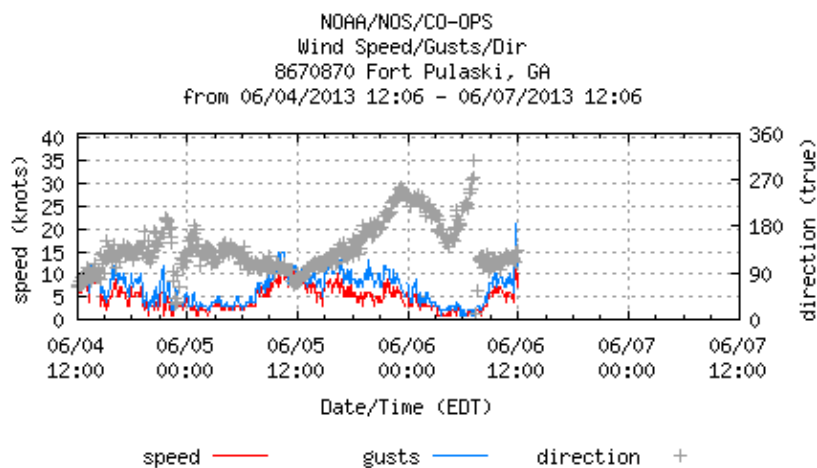


Last Observed Sample: 06/06/2013 11:54 (EDT)

Relative to MLLW: **Observed: 2.15 ft.** **Predicted: 1.10 ft.** **Residual: 1.05 ft.**

Historical Maximum Water Level: Oct 15 1947, 10.90 ft. above MLLW

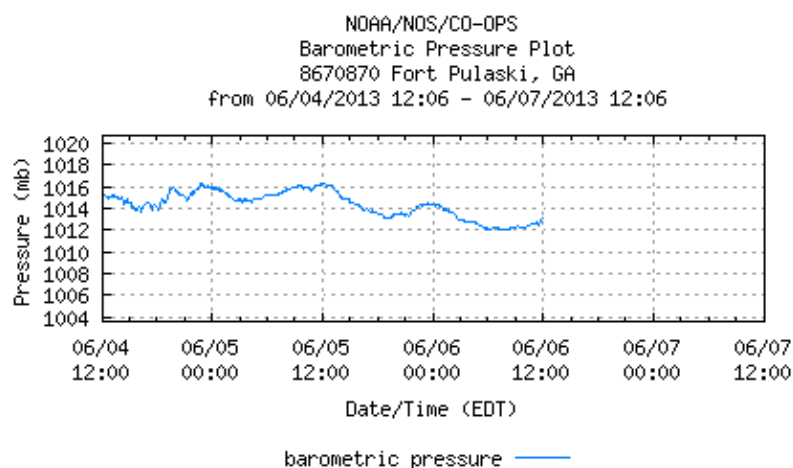
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 11:54 (EDT)

Wind Speed: 7 knots **Gusts: 12 knots** **Direction: 135° T**

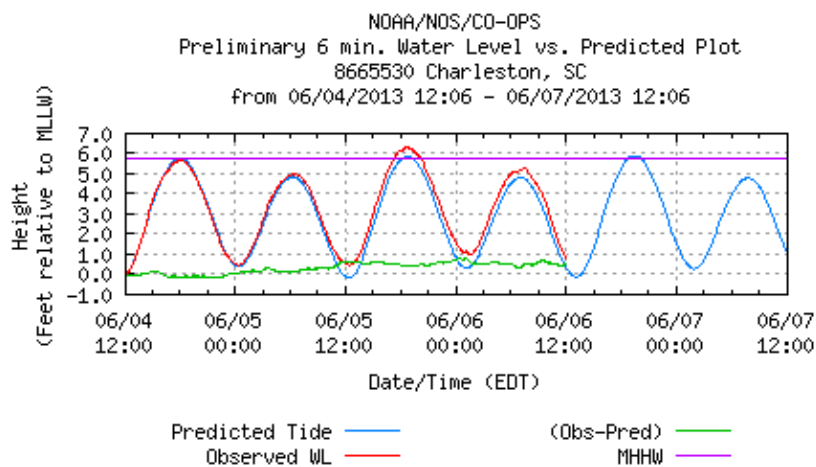
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 11:54 (EDT)

Barometric Pressure: 1013.1 mb

Charleston, SC - Return to List

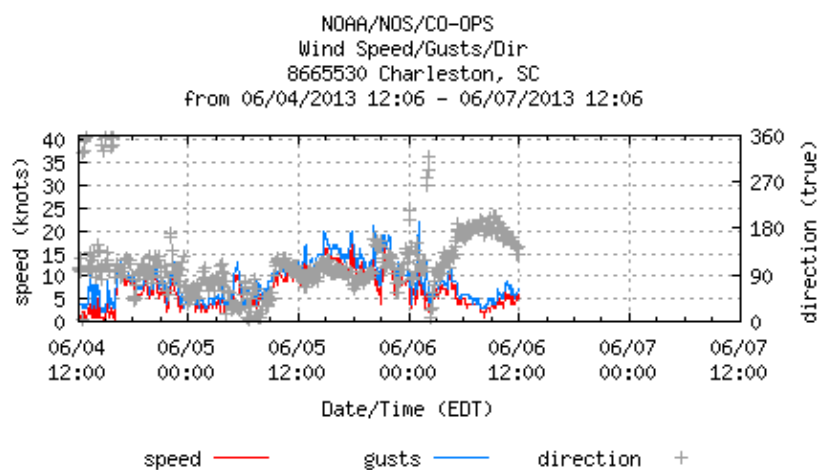


Last Observed Sample: 06/06/2013 12:00 (EDT)

Relative to MLLW: **Observed: 0.83 ft.** **Predicted: 0.34 ft.** **Residual: 0.49 ft.**

Historical Maximum Water Level: Sep 21 1989, 12.52 ft. above MLLW

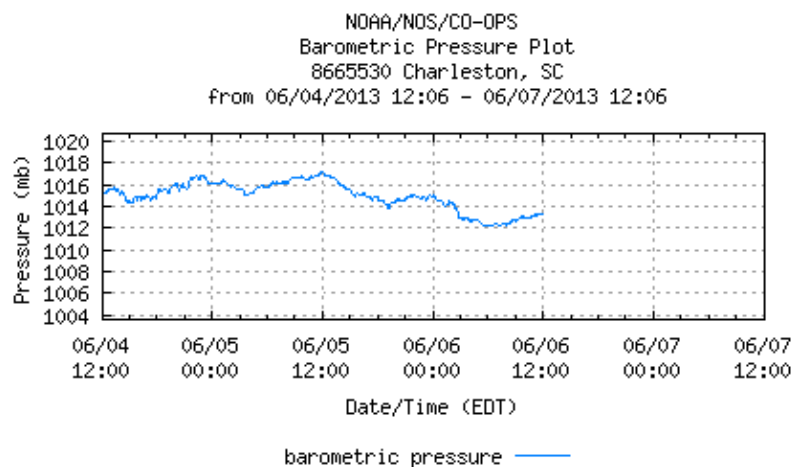
Charleston, SC - Return to List



Last Observed Sample: 06/06/2013 12:00 (EDT)

Wind Speed: 5 knots Gusts: 7 knots Direction: 146° T

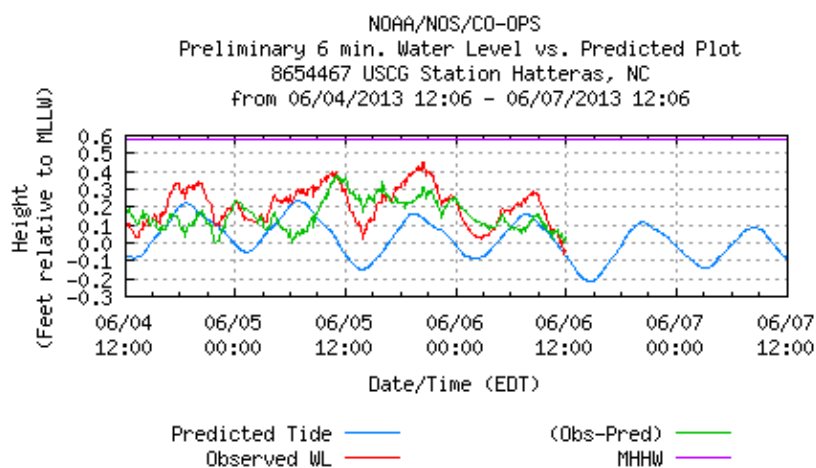
Charleston, SC - Return to List



Last Observed Sample: 06/06/2013 12:00 (EDT)

Barometric Pressure: 1013.3 mb

USCG Station Hatteras, NC - Return to List

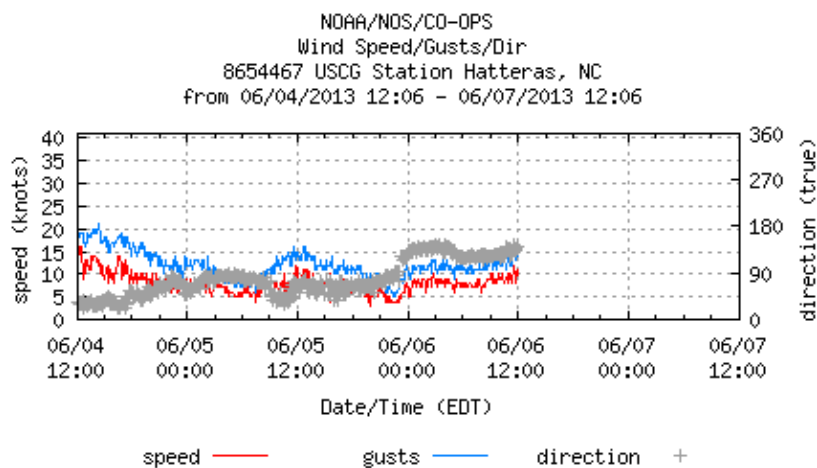


Last Observed Sample: 06/06/2013 11:54 (EDT)

Relative to MLLW: **Observed: -0.04 ft.** **Predicted: -0.07 ft.** **Residual: 0.03 ft.**

Historical Maximum Water Level: Oct 29 2012, 4.73 ft. above MLLW

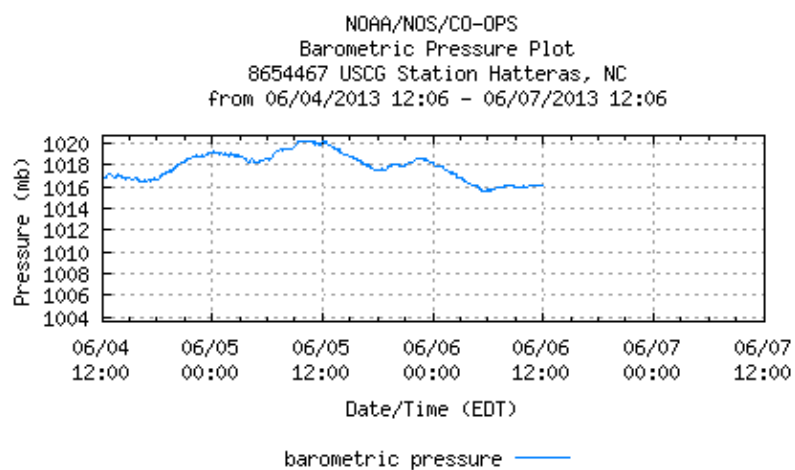
USCG Station Hatteras, NC - Return to List



Last Observed Sample: 06/06/2013 11:54 (EDT)

Wind Speed: 11 knots **Gusts: 14 knots** **Direction: 140° T**

[USCG Station Hatteras, NC - Return to List](#)



Last Observed Sample: 06/06/2013 11:54 (EDT)

[Barometric Pressure: 1016.1 mb](#)

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce